

We Claim:

1. A device for producing a printing form, comprising:

a printing form carrier;

a holder;

an imaging head fixed to said holder, said imaging head having at least one radiation source, and said imaging head to be positioned along a printing form blank on said printing form carrier for directing radiation onto the printing form blank to produce printing ink-accepting image points in accordance with an image; and

a tempering or temperature control configuration for said holder.

2. The printing-form producing device according to claim 1, further comprising a tempering or temperature control configuration for said imaging head, both said tempering or temperature control configuration for said holder and said tempering or temperature control configuration for said imaging head being provided with a common tempering or temperature control medium.

3. The printing-form producing device according to claim 2, wherein said tempering or temperature control medium is a liquid.

4. The printing-form producing device according to claim 3, wherein said liquid is water.

5. The printing-form producing device according to claim 4, wherein said water has a corrosion-prevention additive.

6. The printing-form producing device according to claim 4, wherein said water has an antifreeze additive.

7. The printing-form producing device according to claim 4, wherein said water has a corrosion-prevention additive and an antifreeze additive.

8. The printing-form producing device according to claim 4, wherein said holder has at least one forward flow duct and at least one return duct for the water.

9. The printing-form producing device according to claim 6, wherein said imaging head has at least one coolant duct connected to said at least one forward flow duct and to said at least one return duct.

10. The printing-form producing device according to claim 1, wherein said tempering or temperature control configuration includes a control device for receiving a nominal temperature value for controlling the temperature of said imaging head.

11. The printing-form producing device according to claim 1, wherein said holder is horizontally disposed, has a top and a bottom and has at least two ducts disposed therein vertically above one another respectively at said top and said bottom of said holder for receiving a tempering or temperature control medium, and the medium in said duct located at said bottom of said holder has a lower temperature than the medium in said duct located at said top of said holder.